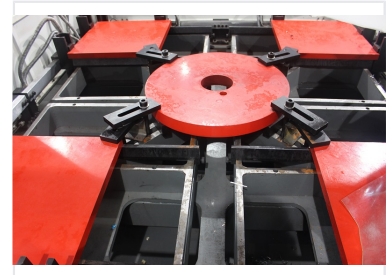


High Speed CNC Plate Drilling Machine

This high-speed drilling machine is designed for plate processing. It features a rigid gantry structure and a CNC control system for automated drilling cycles and precise positioning.



ADDITIONAL IMAGES



Overview

High-Performance CNC Drilling Solution

The TPHD2016 is a high-speed CNC plate drilling machine engineered for demanding industrial metalworking tasks. Featuring a 22 kW spindle motor and an 8-tool Automatic Tool Change (ATC) system, it offers versatile and efficient processing for plates up to 120mm in thickness. With advanced SIEMENS 808D controls, CAD/CAM integration, and break-point memory functionality, this machine ensures precision and operational continuity in high-volume production environments.

Performance Metrics

Key Performance Metrics

50 mm

Max Drill Diameter

3000 r/min

Max Spindle Speed

0.08 mm

Position Precision

Technical Specifications

Capacity & Dimensions

Parameter	Value
Max Work Piece Size	2000x1600mm plate / 11600mm flange
Thickness Range	6-120mm
Spindle Vertical Stroke	300mm
Overall Machine Size	4900x3900x3200mm
Weight	Approx. 14000kg

Drive & Control Systems

- Spindle motor power: 22 kW
- X-axis servo motor: 2.0 kW
- Y-axis servo motor: 1.5 kW
- Z-axis servo motor: 2.0 kW
- CNC Controller: SIEMENS 808D
- CNC Axis Quantity: 3

Operational Features

Operational Capabilities

Automatic Tool Change (8 tools), CAD/CAM Integration, Break-point Memory, Hydraulic Clamping, Scrap Cleaning System